OneRemote converter
Type 34003100

User Manual

Operate with Beolink

Handan CDC-9000
Canal Digital HD recevier

Everyday use

GO GO OK

*1 TV-guide
*1 ← Back
*1 P+
*1 P-

GO 1 i
GO 4 Text

EXIT TV - Exit
STOP TV/ Radio

**1 As the un-shifted function of the coloured function buttons has been assigned to other functions, they have to be preceded with a GO to retrieve their actual coloured functions.*

GO Green function
GO Yellow function
GO Red function
GO Blue function

Other operations

GO 2 Sleep
GO 3 Subtitles
GO 5 Menu *alternativ*
GO 7 Language/ sound
GO 8 Format
GO 9 Power *manuel*

GO ▲ Page +
GO ▼ Page -

Operating using a Beolink 1000 or other old remote controllers.

Older remote controls do not have coloured buttons, and use is not logical.

As Beolink 1000 has no coloured buttons the Zapmode option needs to be set, to make the the up/ down arrows serve as P+ and P-.
See page 6 about option programming.

The PLAY button on older Bang & Olufsen remote controls does the exact same operation as the GO button on never remote controls.

GOTO ← Back
STORE TV - Exit

PLAY SHIFT « Green function
PLAY SHIFT » Yellow function
PLAY SHIFT ▲ Blue function
PLAY SHIFT ▼ Red function

PLAY ▲ Page +
PLAY ▼ Page -

Congratulations.

The EXT controller from www.oneremote.dk can fully operate your device using your Bang & Olufsen remote control terminal, via a Bang & Olufsen TV.

Beo4 Beo5 or Beo6 remote controls can be used. Beolink 1000 can be used with reduced functionality. This guide explains how.

This EXT controller is ready for use, plug & play. See the opposite page regarding daily operation.

Some operations can be altered, to improve interaction with other controllers or to your convenience. Refer to the installation section further on, if changes are needed.

EXT controller.

When a scart type connected source is selected with a Bang & Olufsen remote control, the B&O TV starts to parse control data from the remote control to the attached device, via the scart cable.

The OneRemote EXT controller captures these data and converts these into IR data, that can operate the specific device.

The converted IR data is being transmitted via a small IR-emitter that has to placed in front of the device to be controlled. Here it emits the same IR data into the front of the device, that it was made to receive from its own remote control.

As an EXT controller operates on data received via the scart cable, it will function only when attached to a B&O TV.

If both the B&O TV and the device are equipped with DVI and/ or HDMI sockets, a suitable cable can be added to improve the picture quality. The EXT cable will still be needed for control data and maybe also the sound.

Refer to the user manuals for both the TV and the device, about correct installation of HDMI/ DVI cables.

In a setup with link rooms, all rooms will be able to operate the device, via the link system.

With a OneRemote OneWay or TwoWay cable, the device can be placed up to 25 metres away from the TV. It could be placed in another room, under a sofa or where ever it suits, as operation is handled via the Scartcable.

If both the TV and the device are equipped with a HDMI connection, a HDMI cable can be added to improve picture and sound quality.

OneRemote operation in a B&O system

To be able to operate the device correctly with a B&O remote control the user has to be familiar with operations with the original remote control as described in the device's user manual.

B&O remote controls are not equipped with many keys, so we have designed a 'layout' that works logically, even when shifting between different devices. To get a common layout for many devices, we therefore needed to redefine a few of the beo4 buttons to other functions:

Coloured buttons.

To make room for direct access to important functions, we have moved the coloured buttons, to a lower layer. To send a 'red' button command GO must be pressed before the red button. GO will send the actual red command. The same goes with the other 3 coloured buttons. This way we are able to assign other functions to the coloured buttons, when they are pressed directly. In a OneRemote environment the coloured buttons is mostly assigned to these operations:

	Guide, EPG or similar.
	Back, Backup, Return or similar.
	Programme zapping. P+/ P- , Channel up/ down or CH+/ CH-.

Programme stepping, up/ down manoeuvring in menus.

Most set top boxes or TV's has 4 arrow buttons for moving up, down, left and right in on screen menus. In addition they have separate programme stepping buttons for zapping through programmes. B&O remote control does not have separate buttons for programme zapping. We therefore have chosen the blue and the yellow buttons to function as programme stepping buttons. The four up, down, left and right buttons have been assigned for manoeuvring in on screen menus, in our basic setup. It is possible to use the up and down arrow for programme stepping, refer to the installation section.

Go, Record and Stop shifted operation.

Some of the buttons has two or three functions. To get to these they have to be preceded with GO or STOP. The buttons that has been assigned secondary functions on this controller can be seen in the operating table on page 2.

Option programming

The OneRemote EXT controller can be programmed with different options, to fit different set ups.
An option programming is done by pressing a series of buttons in a special scheme that does not occur during daily use.
A programming must be ended within 10 seconds.
To abort an ongoing programming sequence, press any other button than STOP or the numeric buttons 0 to 9.

Power off option.

In some cases it is not wanted that the device automatically powers off, when the TV is powered off. Use this option to enable or disable this.

STOP STOP STOP STOP STOP STOP 7 0	*Device never powers off.*
STOP STOP STOP STOP STOP STOP 7 1	*Device powers off with TV.*

Menu option.

Some B&O TVs not only echoes the MENU button from the remote control to the device attached to the Scart socket. It also opens the TV's own ON-screen menu. Use this option to avoid that the device acts on this command, if your setup has this conflict.

STOP STOP STOP STOP STOP STOP 8 1	*Use the MENU button.*
STOP STOP STOP STOP STOP STOP 8 0	*Ignore the Menu button..*

Zap mode option.

The zapmode option makes it possible to exchange the functions of the up & down buttons with the blue & yellow buttons. The factory setting of programme zapping and up/ down arrows:

and	Programme zapping.
and	Moving up/ down in on-screen menus.

While using a Beolink 1000 or other older remote control without coloured buttons, it is a little awkward to make a programme zap when option 91 is set. This option reverses the use of the sets of arrows.

Some people find it more comfortable to use the up/ down arrows for programme zapping, and therefore also benefits from this option, using a Beo4 or Beo5.

STOP STOP STOP STOP STOP STOP 9 1	*Yellow/ Blue is programme Zap.*
STOP STOP STOP STOP STOP STOP 9 0	*Up/ Down is Programme Zap.*

Installation - troubleshooting

The OneRemote EXT cable must be connected to the devices 'TV' scart output socket and a scart input socket on the TV. Then the IR-emitter must be stuck in a way that it can emit IR-light in to the devices IR-receiver, that normally receives the IR-light emitted from the devices own remote control.

Only scart input sockets can be used, that are able to send out linkdata to the EXT controller. Also the TV must be programmed to send out data to the scart socket, which is done in the TV's 'Sources' menu. Refer to the TV's user manual.
The EXT controller emulates DVD, VMEM, VTAPE, SAT, DTV, VAUX and other sources.

There is no programming needed on the EXT controller.

The scartplug in that end of the EXT cable where the power supply and the IR-emitter cable is attached, MUST be inserted in to the devices 'TV' output. If not, the EXT controller might not be able to power on and off the device correctly.

The EXT cable is equipped with a control LED build in to the scartplug, that is inserted in to the device. This LED assists in faultfinding if something is not operating correctly.

Control LED indications
Continous red or green flashing. When power is applied to the EXT controller, the LED will start flashing. The flash indicates that the EXT controller has not received a command data from the TV, since power on. As soon as a command is received from the TV, the LED will stop flashing and light solid red or green. If the control LED continues flashing after you have selected the source on the TV where the cable is attached, the socket does not include control data or the TV has not been set up correctly. Refer to the TV's user manual.
LED - colour. The EXT controller will light red when it has detected a device that is powered on. It will either flash or light solid red. The EXT controller will light green when it is not connected to a device or if it is connected to a device that is powered off. If not connected to the TV output socket of a device, the EXT controller will not be able to measure if the device is powered on and therefore always light green.
LED - short flash off. During use the LED will light red or green, depending on the powerstatus of the device. When receiving a controldata from the TV, the control LED will shortly go out to indicate this. If a button is pressed on the TV's remotecontrol supposed to operate the device and teh LED does not indicate this, the TV has not been correctly set up.